



# Technical Data Sheet

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|----------------|-------------|
| <b>Product</b> | <b>Type</b> |
|----------------|-------------|

**LUBRISTAY™ 453**

**Metalworking  
Medium Chain Chlorinated Paraffin – Higher Viscosity**

## Application

Lubristay 453 is a mid-chain higher viscosity chlorinated paraffin. For use in formulating metalworking fluids especially drawing, stamping and straight oil applications. It is also useful in flame retardants and plasticizers.

## Typical Properties

| Test                       | Typical |
|----------------------------|---------|
| Specific gravity at 25° C  | 1.30    |
| Density, pounds per gallon | 11.0    |
| Chlorine, % by Wt.         | 53      |
| Carbon Chain Length        | 14-16   |
| Viscosity @ 100° C, cSt    | 20      |
| Viscosity @ 40° C, cSt     | 800     |
| Viscosity @ 210° F SUS     | 95      |
| Viscosity @ 100° F SUS     | 4000    |
| Viscosity, Poise @25° C    | 65      |
| ASTM Color                 | 2       |

## Benefits

- Industry standard for extreme pressure applications
- Completely soluble in naphthenic and most paraffinic oils
- Easy to mix with corrosion inhibitors and other additives
- Excellent hydrolytic, thermal and oxidative stability

## Storage and Handling

|  |             |
|--|-------------|
| Recommended use and Long Term Storage Temperature* | Ambient     |
| Flash Point  | >450° C COC |

